**ASSIGNMENT 02**

**Sabaragamuwa University of Sri Lanka**

**Faculty of Computing**

**Department of Software Engineering**

**SE6103 – Parallel & Distributed Systems**

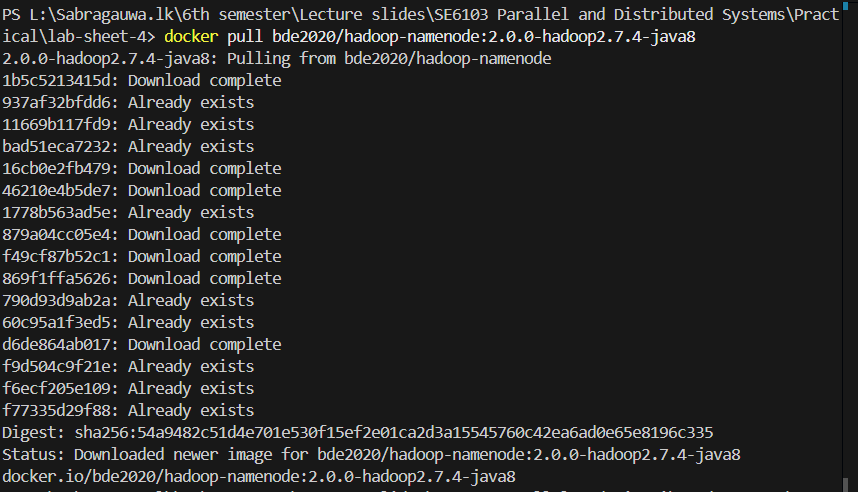
Name : A . Vithurshanan

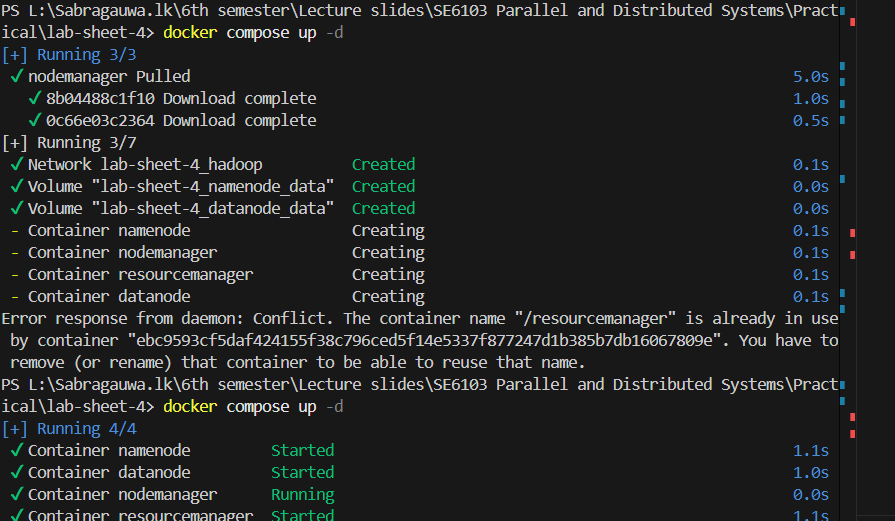
Reg. No : 19APSE4294

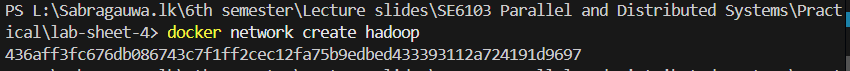
Academic Period : 03rd Year 02nd Semester

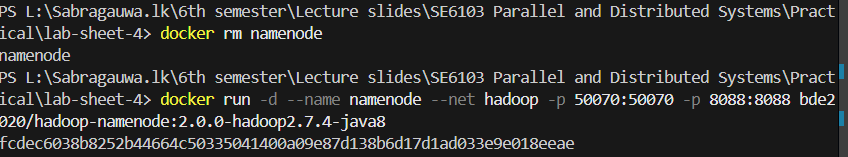
Degree Program : Software Engineering

Due Date : 25/11/2024

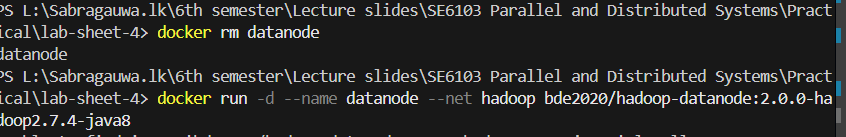
Docker Compose yml file

Docker Compose up -d

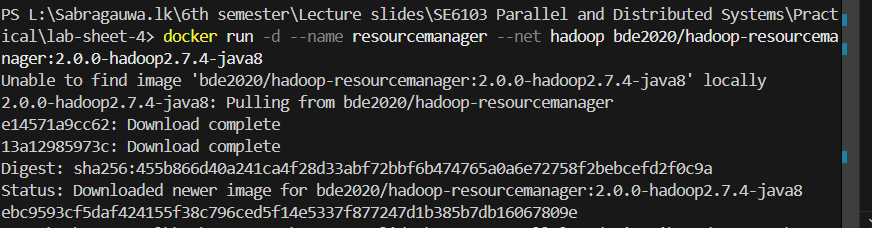
Docker network create hadoop

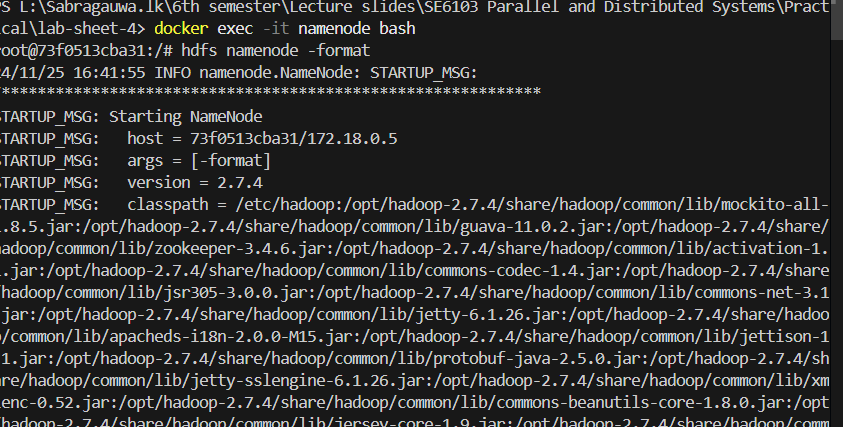
Docker run namenode

Docker run datanote

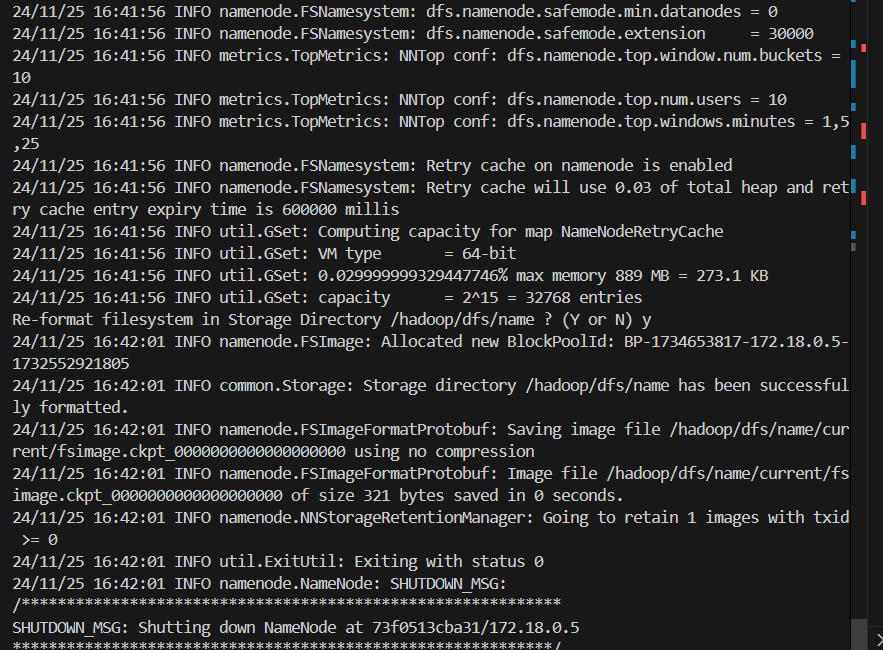


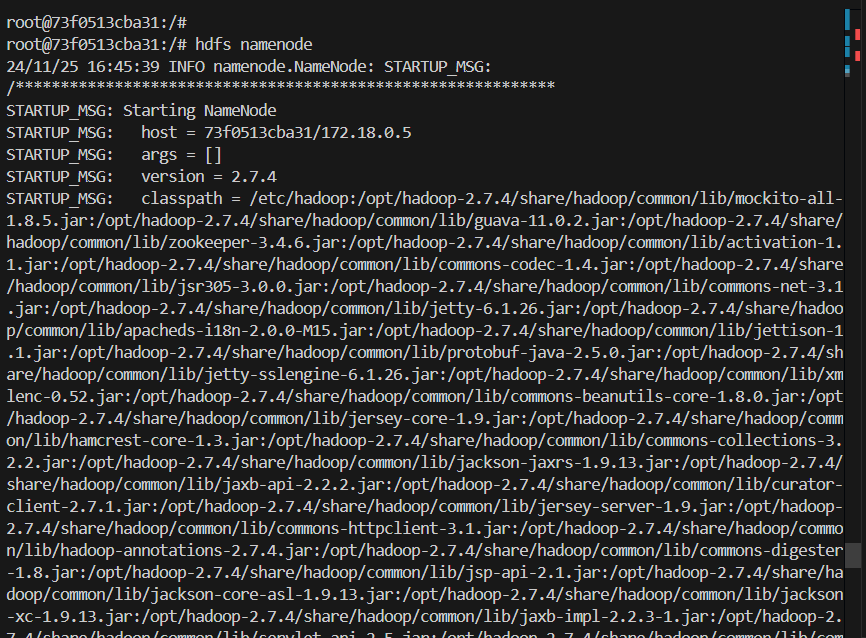
Docker run resourcemanagement

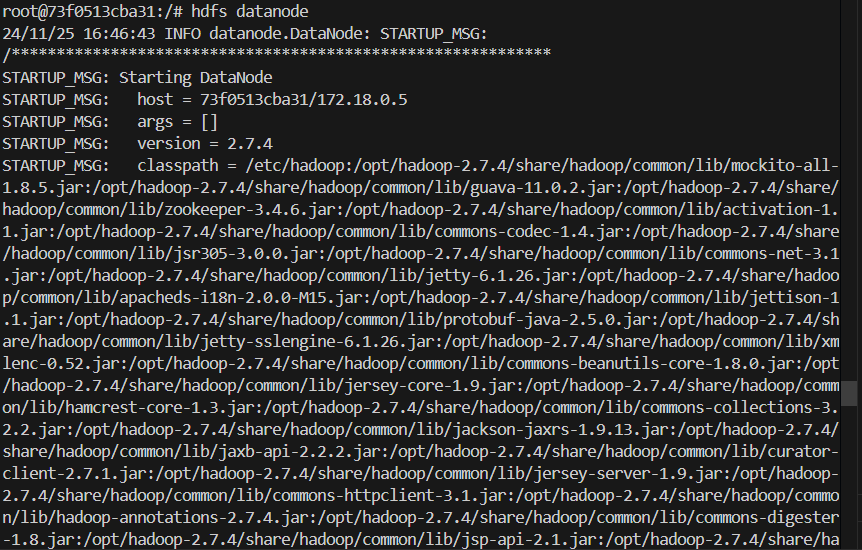




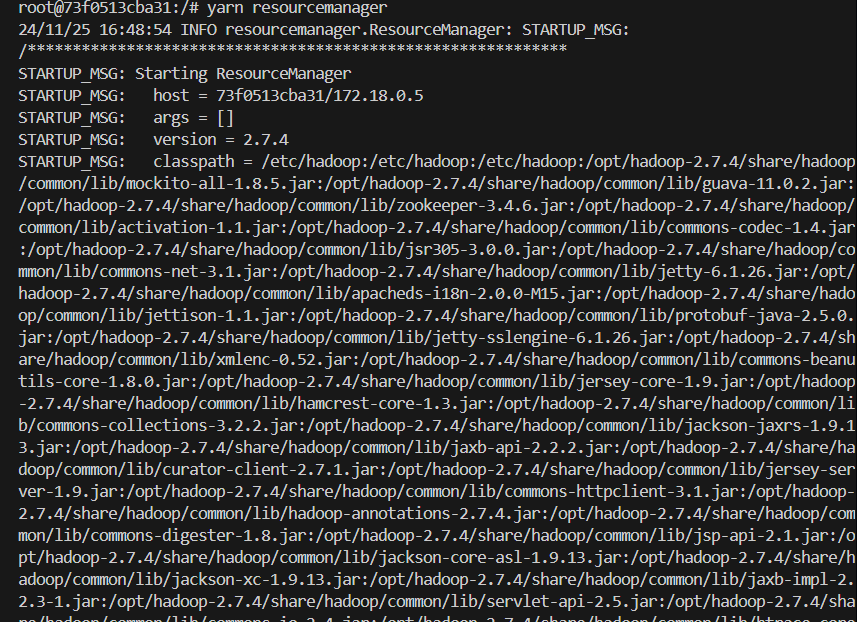
Execute namenode bash

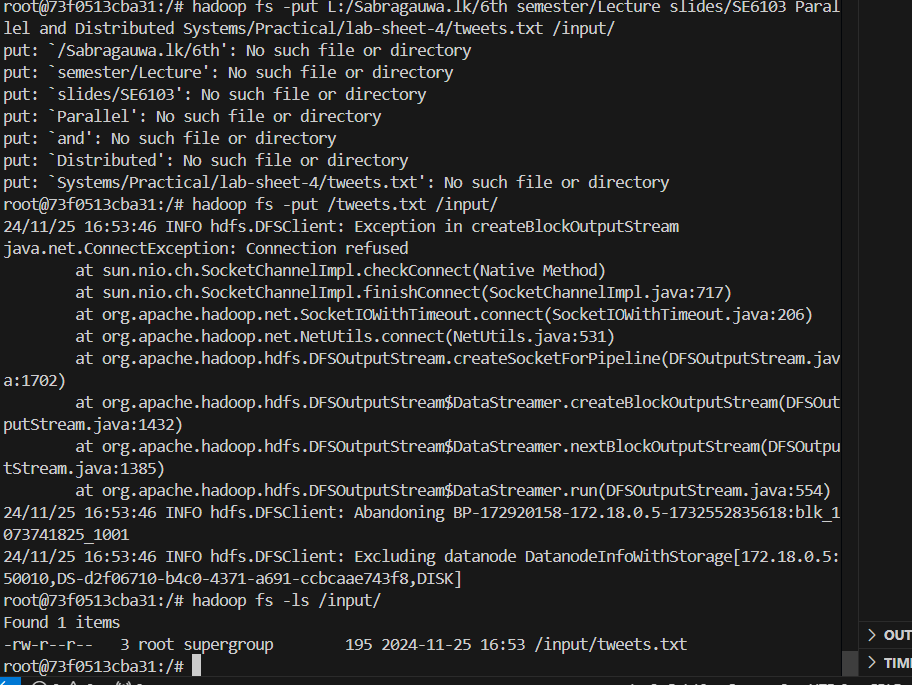


hdfs namenode

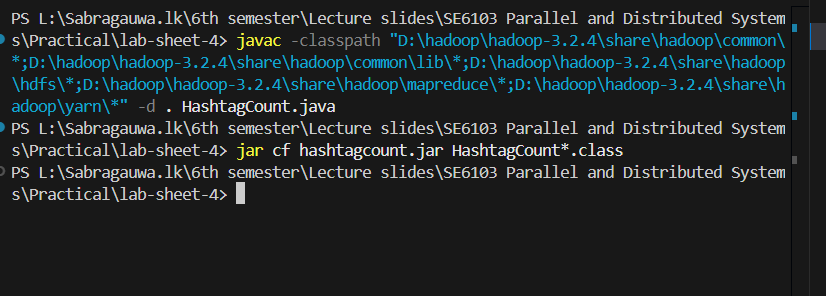


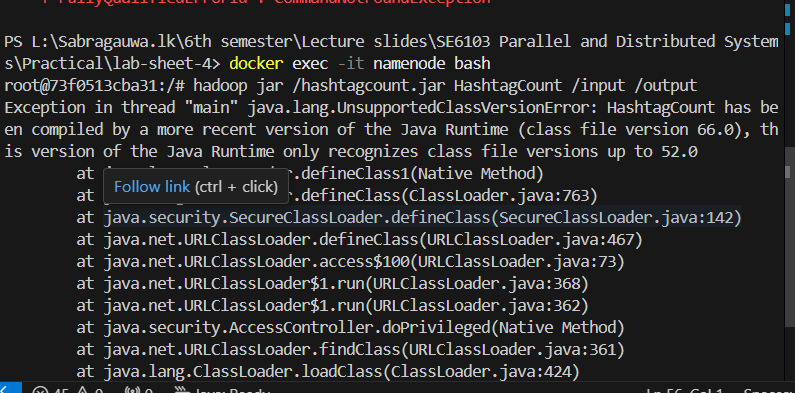
hdfs datanode

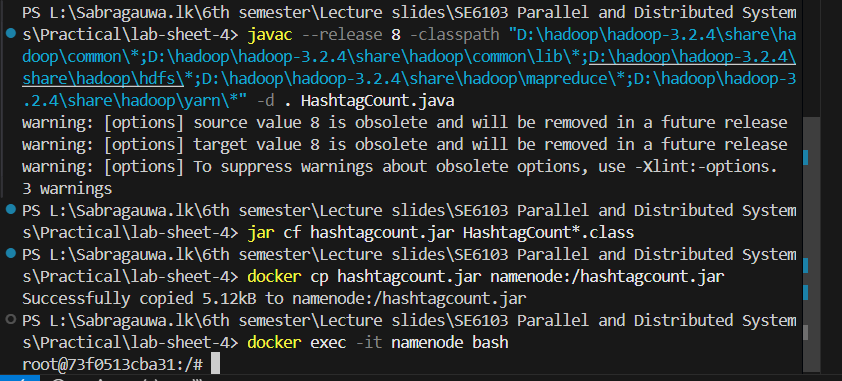
yarn resourcemanger

put tweets.txt file into /input

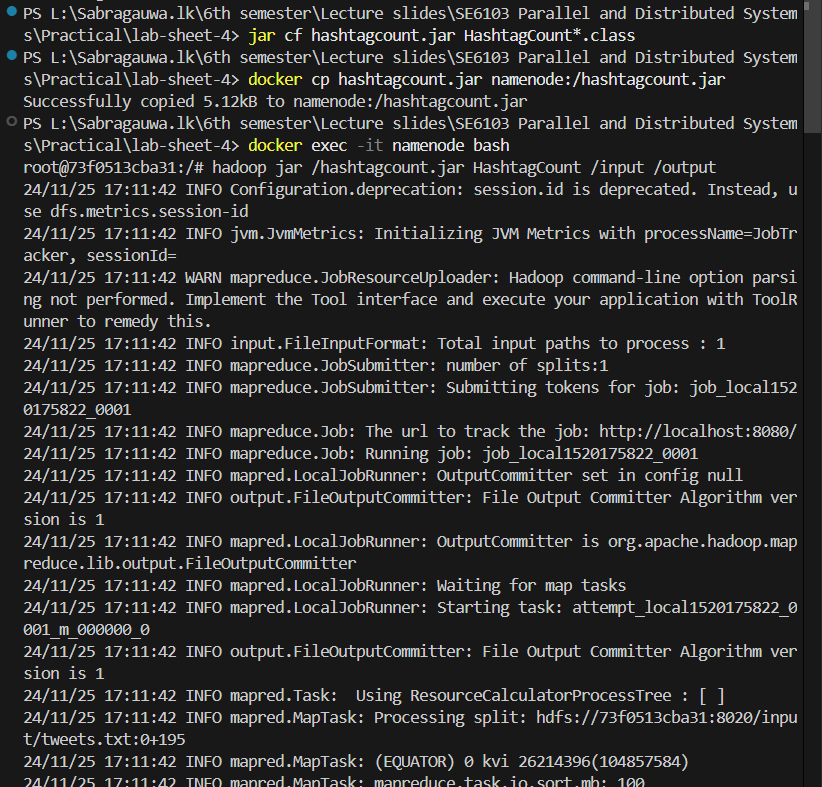
make java file as jar file

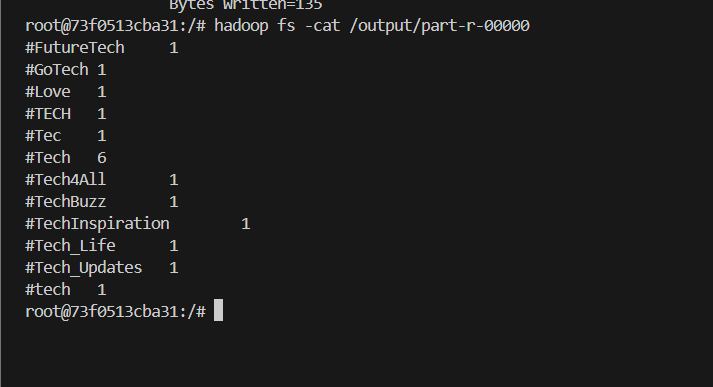


Execute namenode bash



Get output from /input 🡺 hadoop jar /hashtagcount.jar Hashtagcount /input /output



Output 🡺 hadoop fs -cat /output/part-r-øøøøø